

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017415.D
 Acq On : 29 Oct 2018 20:04
 Operator : MJ/SJ
 Sample : J5706-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 02:53:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

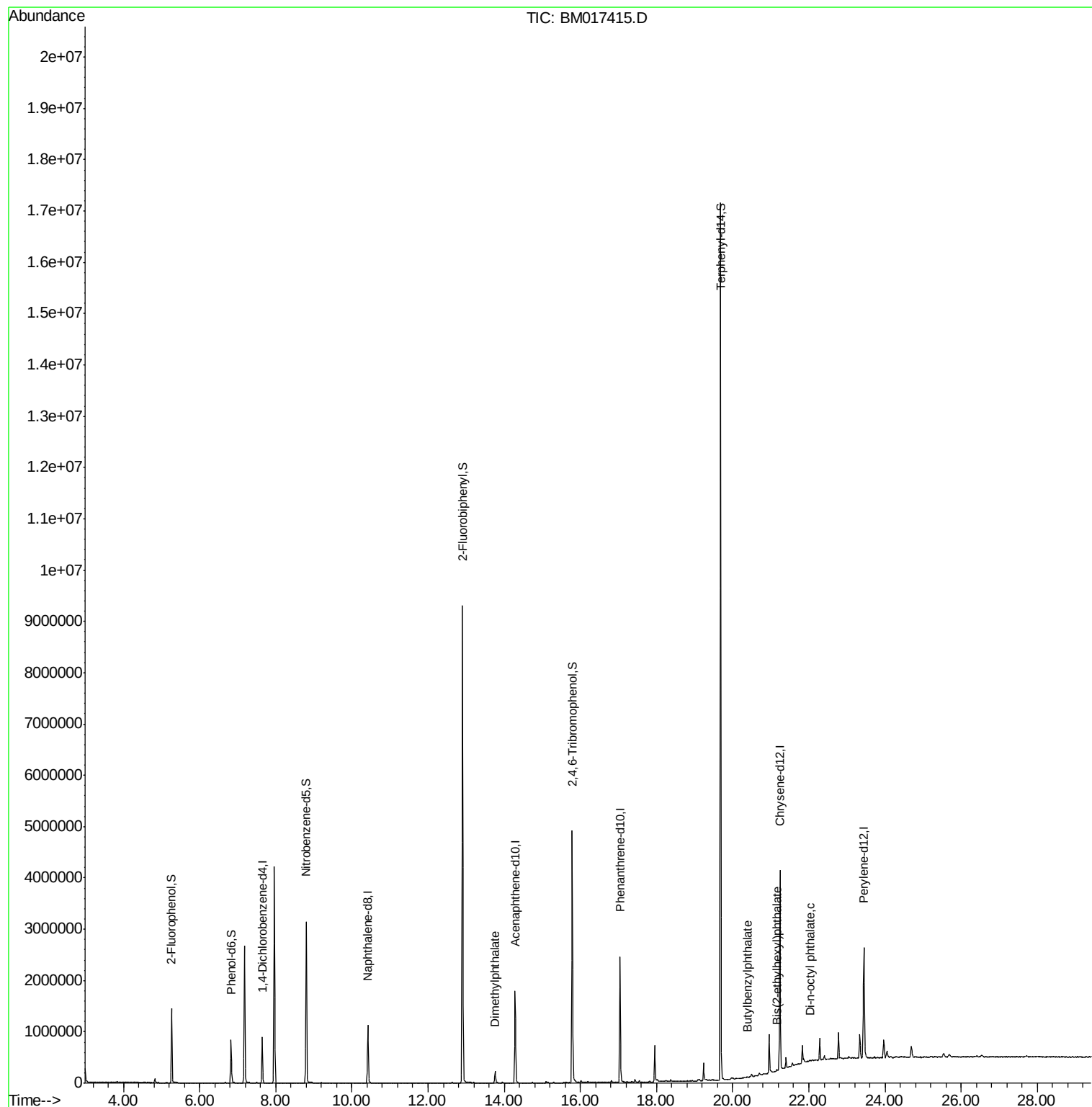
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	230425	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	981492	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	631811	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1536658	20.00	ng	0.00
76) Chrysene-d12	21.24	240	1812911	20.00	ng	0.00
87) Perylene-d12	23.44	264	1623785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	587125	43.10	ng	0.00
7) Phenol-d6	6.83	99	474812	25.59	ng	0.00
23) Nitrobenzene-d5	8.80	82	1844919	109.94	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	936181	109.57	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	4759925	100.24	ng	0.00
79) Terphenyl-d14	19.69	244	8019349	99.71	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.76	163	182050	3.735	ng	98
80) Butylbenzylphthalate	20.39	149	825	7.194	ng	# 70
84) Bis(2-ethylhexyl)phthalate	21.16	149	9383	5.449	ng	92
85) Di-n-octyl phthalate	22.03	149	2582	5.594	ng	# 78

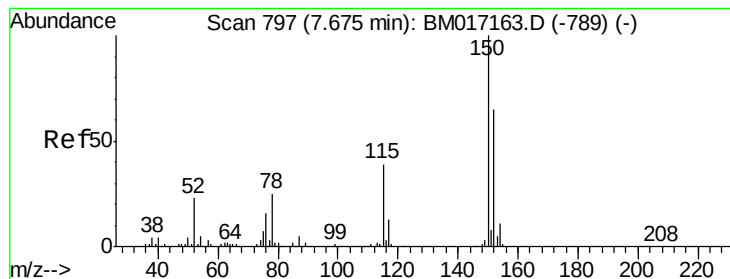
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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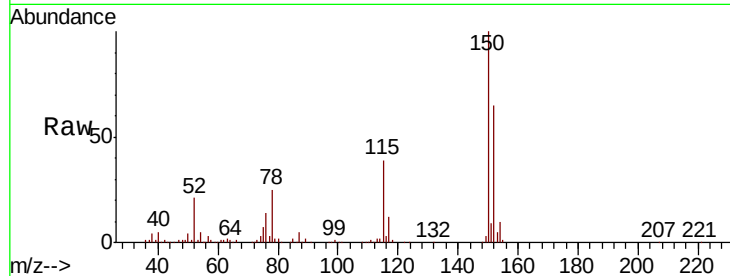


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. 0.00 min
Lab File: BM017415.D
Acq: 29 Oct 2018 20:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.3	186.5
115	60.0	48.1	72.1

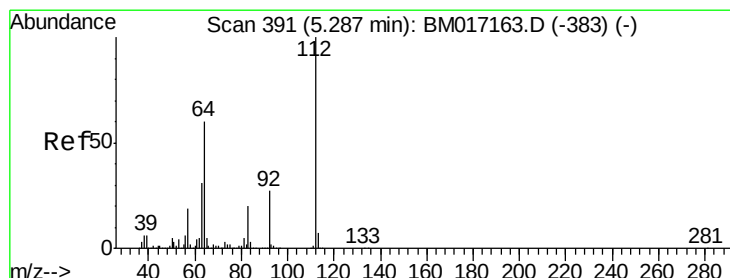
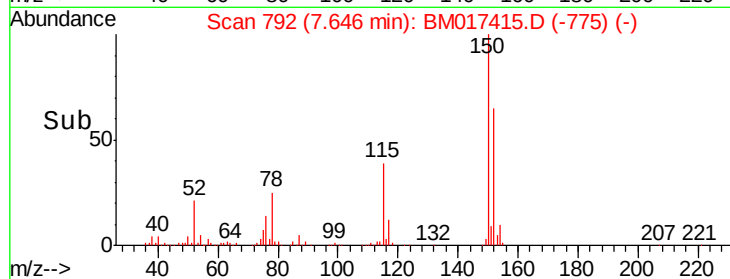
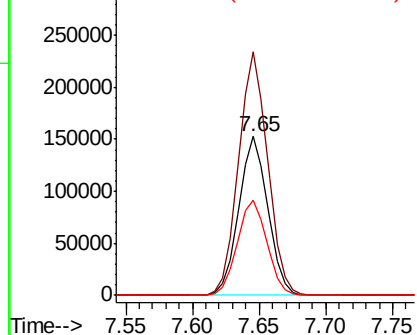


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

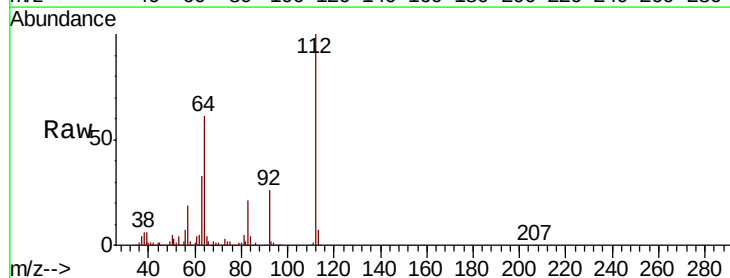
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.095 ng
RT: 5.26 min Scan# 387
Delta R.T. 0.00 min
Lab File: BM017415.D
Acq: 29 Oct 2018 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	41.7	62.5
63	33.0	23.0	34.4

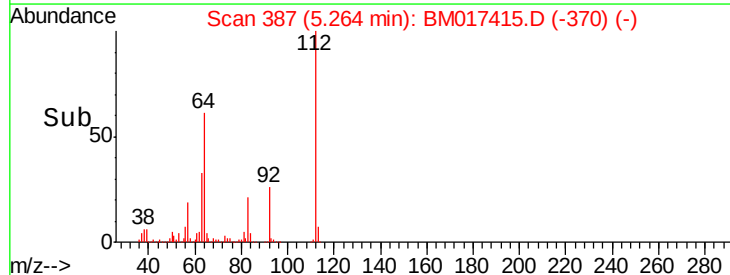
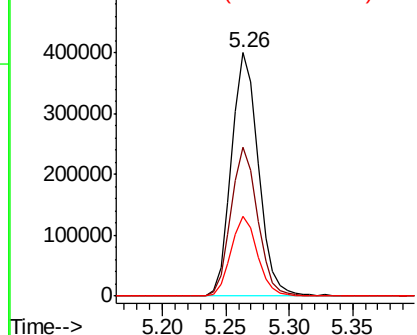


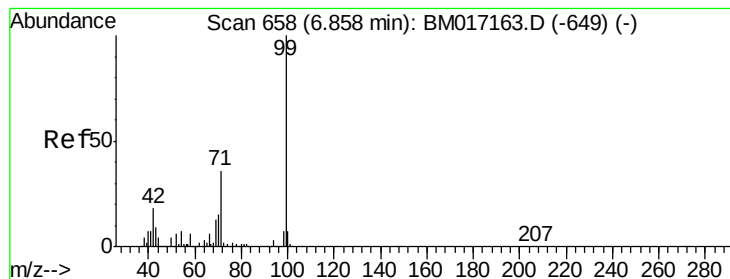
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 25.590 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017415.D

Acq: 29 Oct 2018 20:04

Instrument :

BNA_M

ClientSampleId :

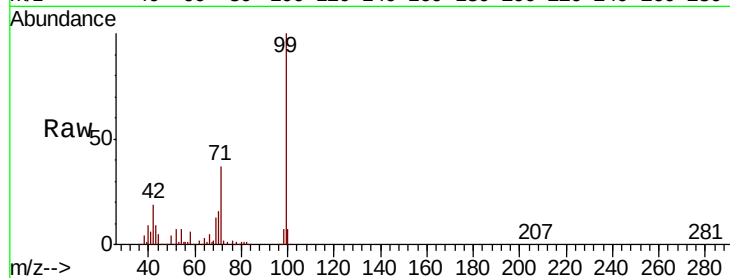
Tot Ion: 99 Resp: 474812

Ion Ratio Lower Upper

99 100

42 19.0 13.3 19.9

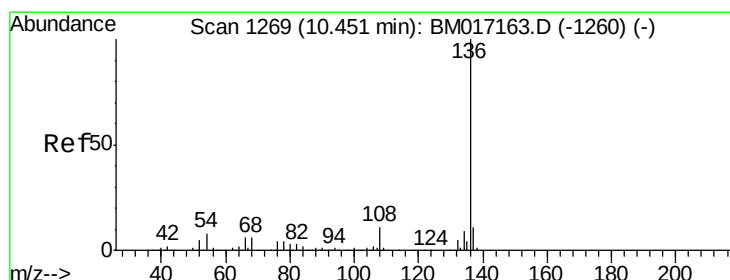
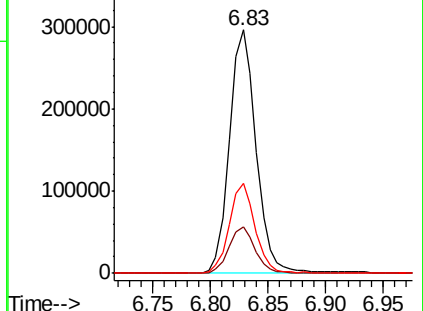
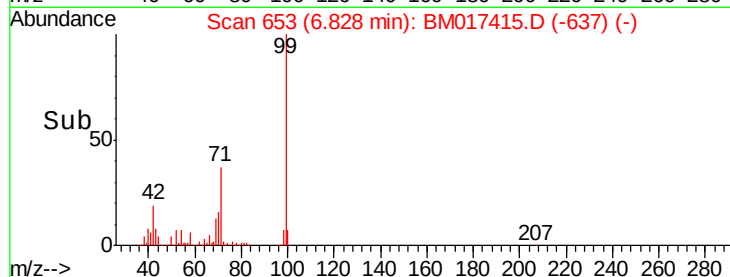
71 37.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017415.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM017415.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM017415.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM017415.D

Acq: 29 Oct 2018 20:04

Tgt Ion: 136 Resp: 981492

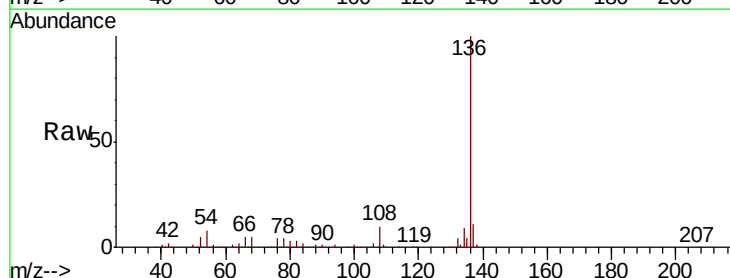
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.7 6.7 10.1

68 5.4 4.7 7.1

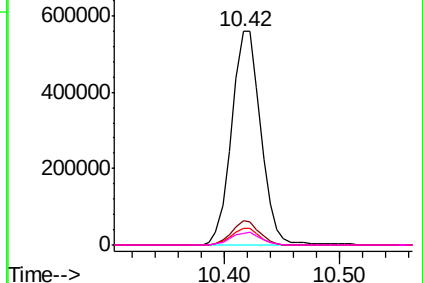
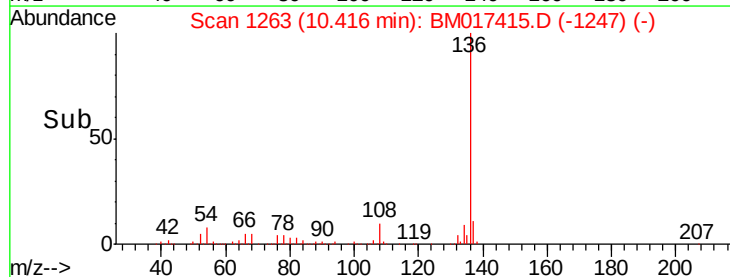


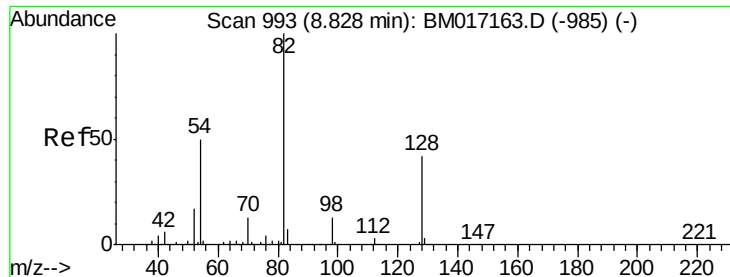
Abundance Ion 136.00 (135.70 to 136.70): BM017415.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM017415.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM017415.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM017415.D (-1247) (-)

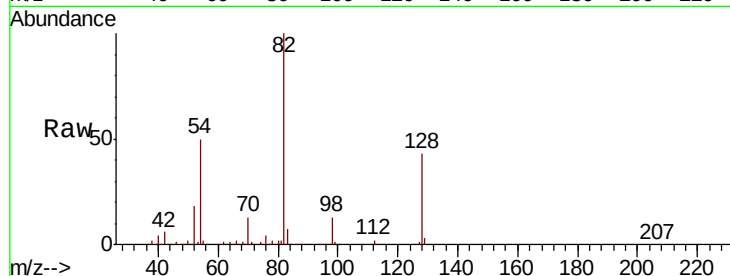




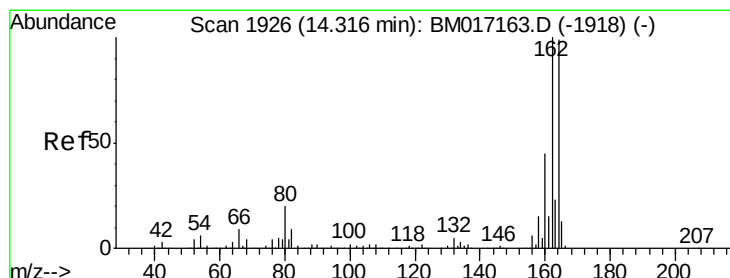
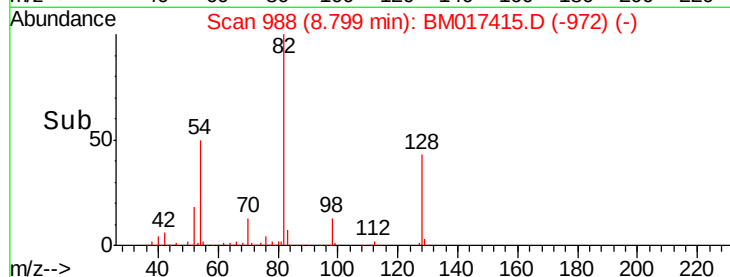
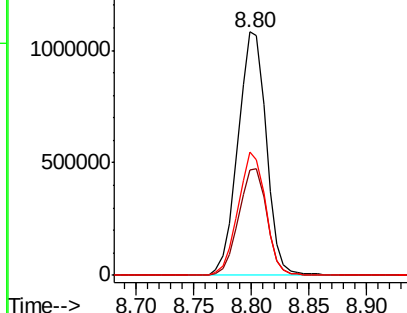
#23
 Nitrobenzene-d5
 Concen: 109.936 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BM017415.D
 Acq: 29 Oct 2018 20:04

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1844919
 Ion Ratio Lower Upper
 82 100
 128 43.3 37.0 55.6
 54 50.4 40.7 61.1

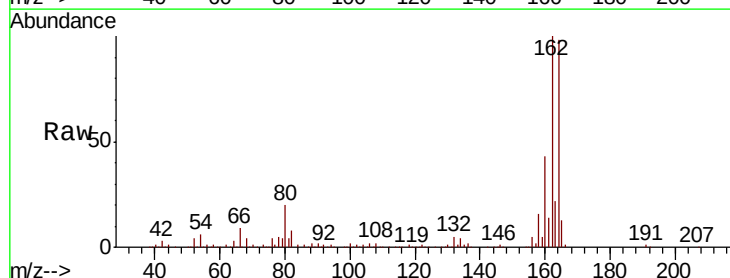


Abundance Ion 82.00 (81.70 to 82.70): BM017415.D (-972) (-)
 Ion 128.00 (127.70 to 128.70): BM017415.D (-972) (-)
 Ion 54.00 (53.70 to 54.70): BM017415.D (-972) (-)

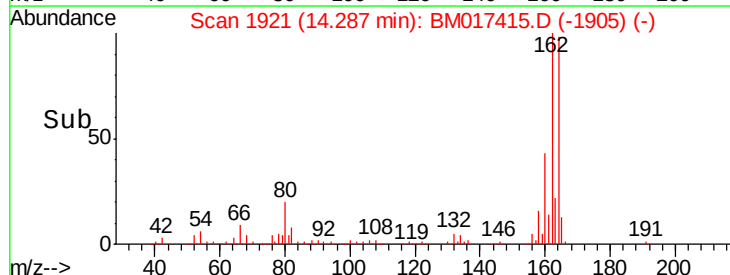
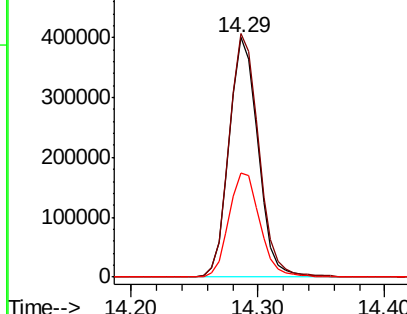


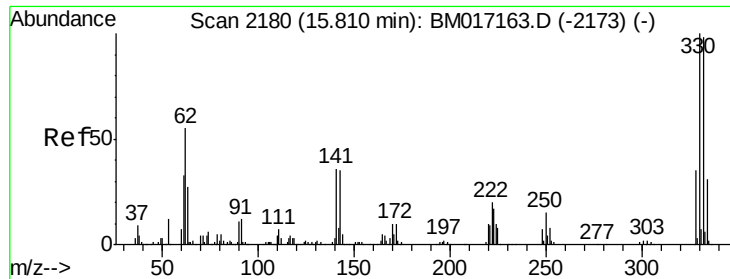
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BM017415.D
 Acq: 29 Oct 2018 20:04

Tgt Ion:164 Resp: 631811
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.1 123.1
 160 43.4 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017415.D (-1905) (-)
 Ion 162.00 (161.70 to 162.70): BM017415.D (-1905) (-)
 Ion 160.00 (159.70 to 160.70): BM017415.D (-1905) (-)

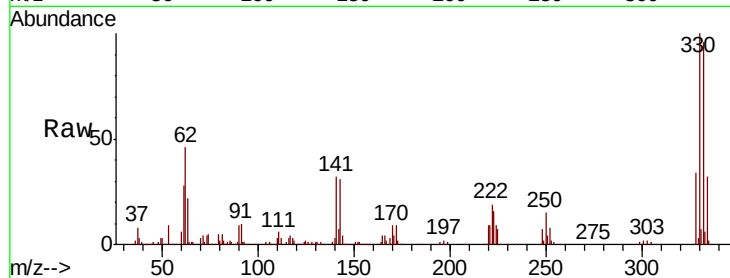




#42
 2,4,6-Tribromophenol
 Concen: 109.568 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BM017415.D
 Acq: 29 Oct 2018 20:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.1	27.4	41.0

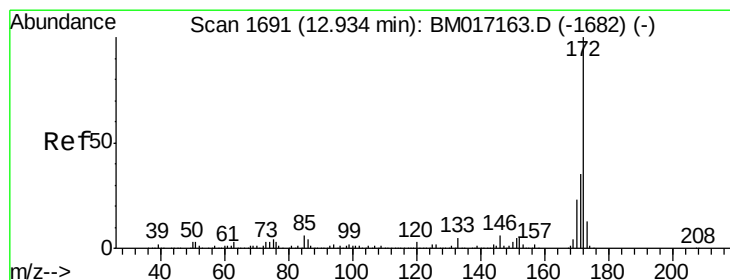
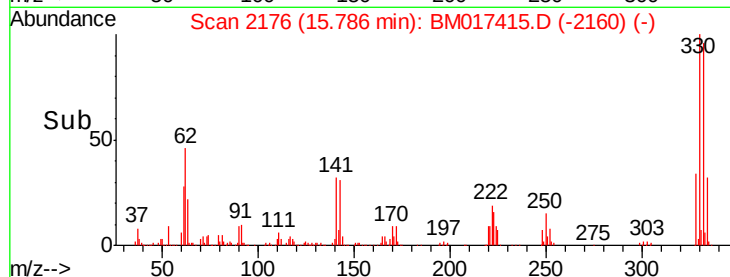
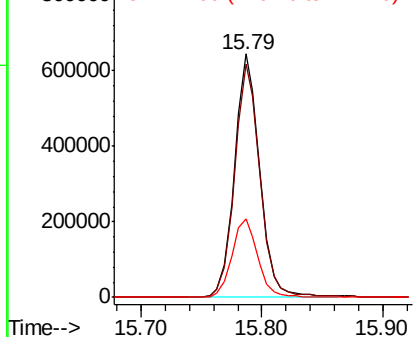


Abundance

Ion 329.80 (329.50 to 330.50): E

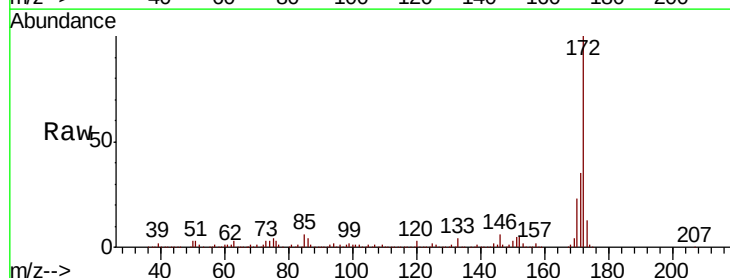
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.240 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BM017415.D
 Acq: 29 Oct 2018 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.7	18.3	27.5

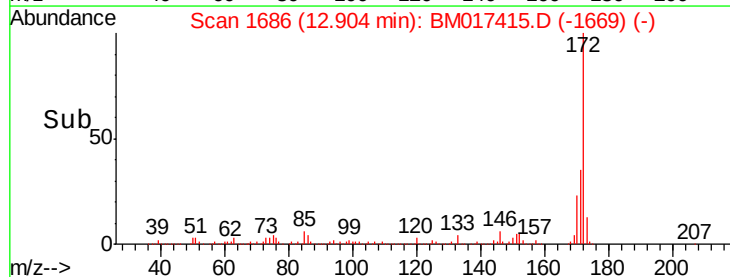
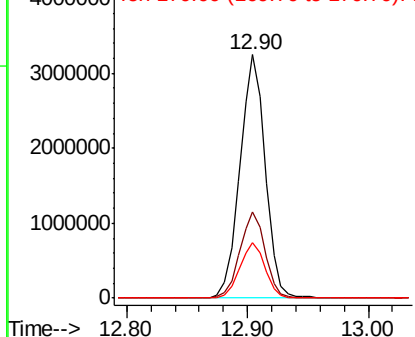


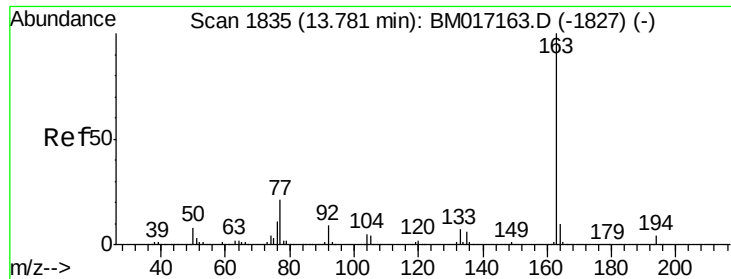
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.735 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM017415.D

Acq: 29 Oct 2018 20:04

Instrument :

BNA_M

ClientSampleId :

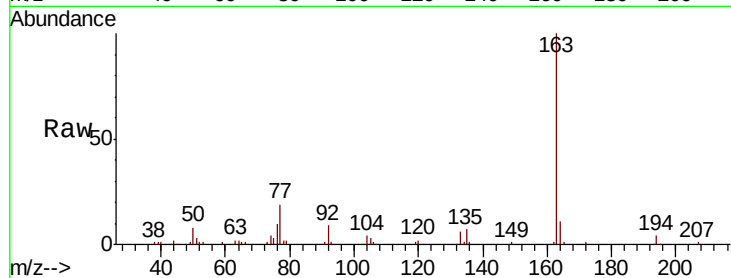
Tot Ion:163 Resp: 182050

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

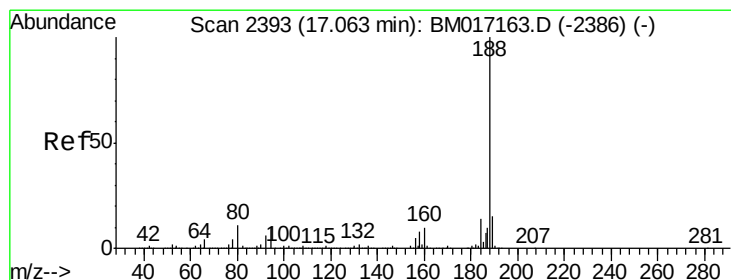
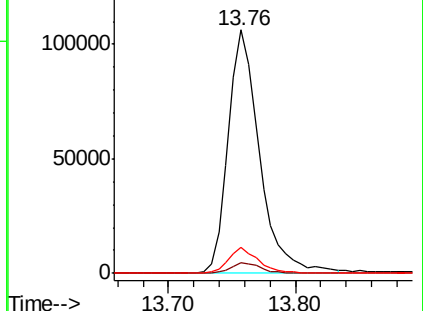
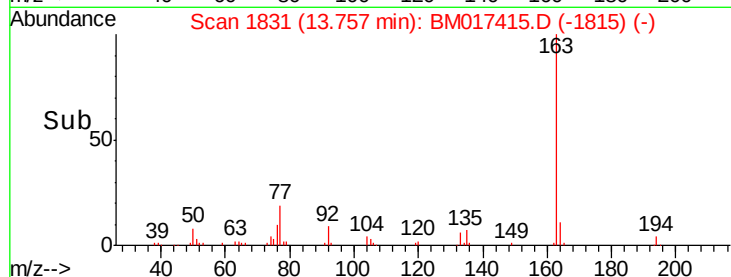
164 10.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BM017415.D

Acq: 29 Oct 2018 20:04

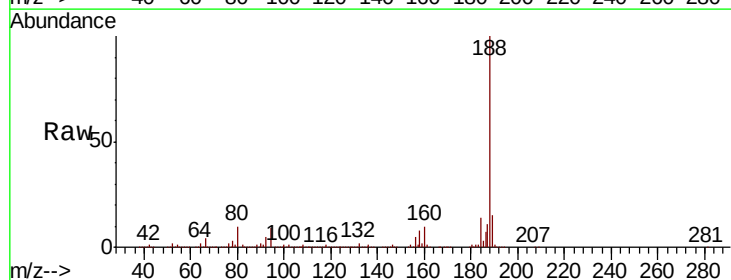
Tgt Ion:188 Resp: 1536658

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

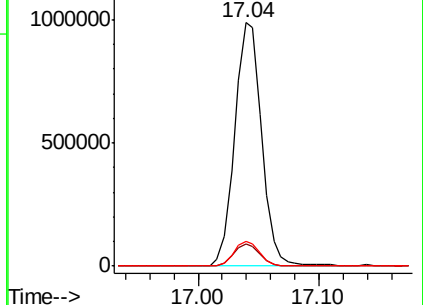
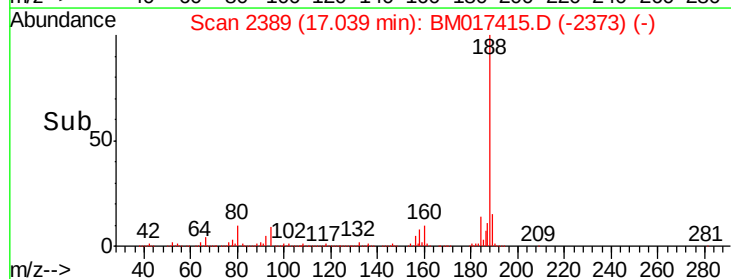
80 10.1 7.7 11.5

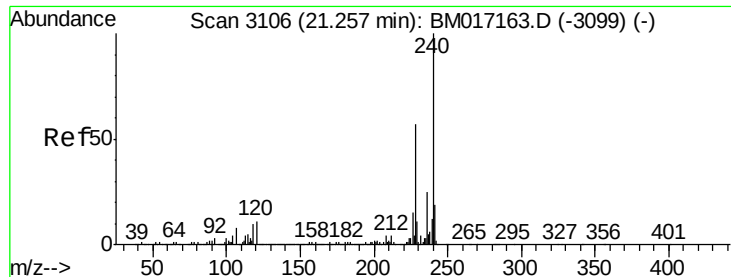


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017415.D

Acq: 29 Oct 2018 20:04

Instrument :

BNA_M

ClientSampleId :

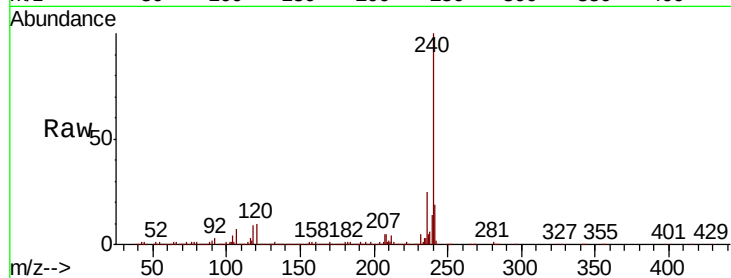
Tot Ion:240 Resp: 1812911

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

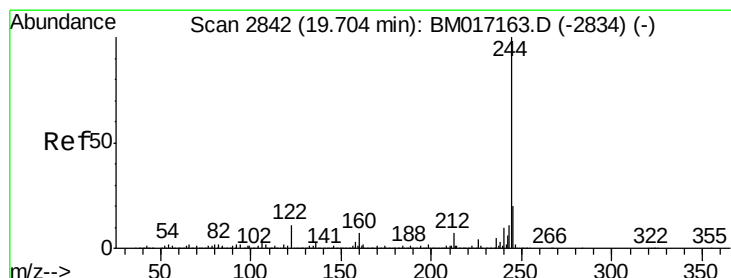
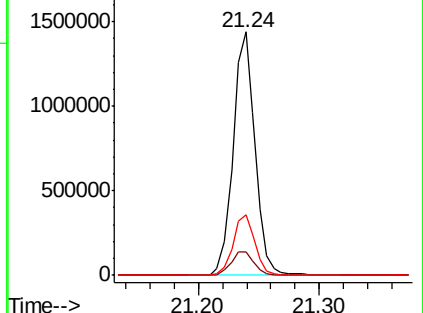
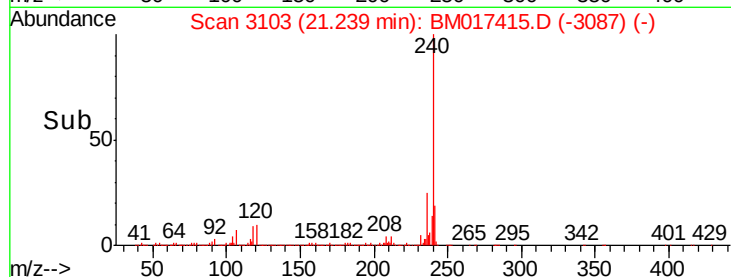
236 24.9 19.9 29.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 99.705 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM017415.D

Acq: 29 Oct 2018 20:04

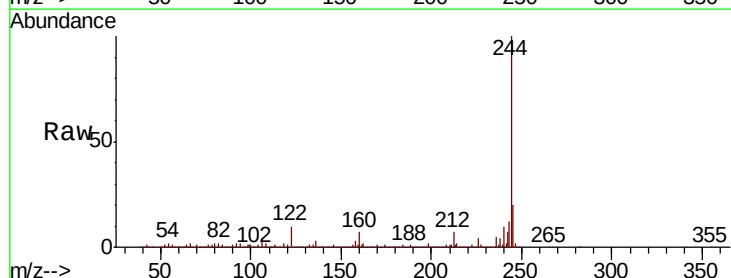
Tgt Ion:244 Resp: 8019349

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

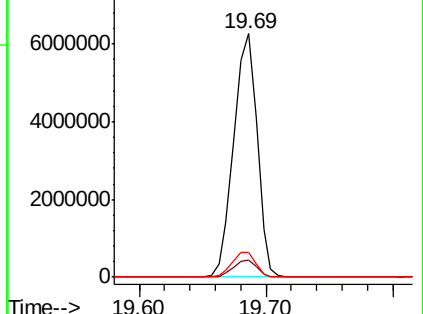
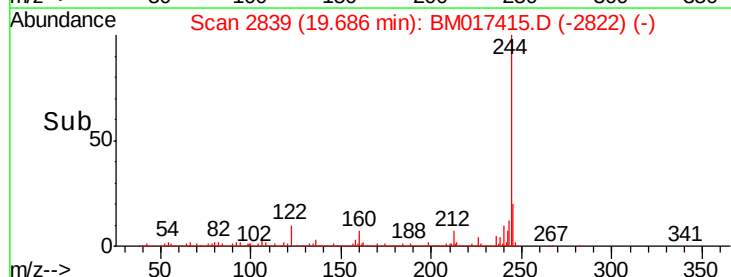
122 10.4 8.4 12.6

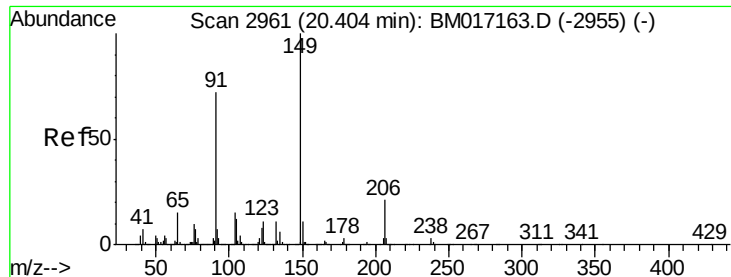


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

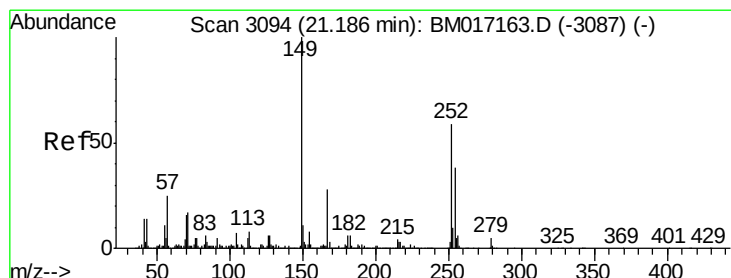
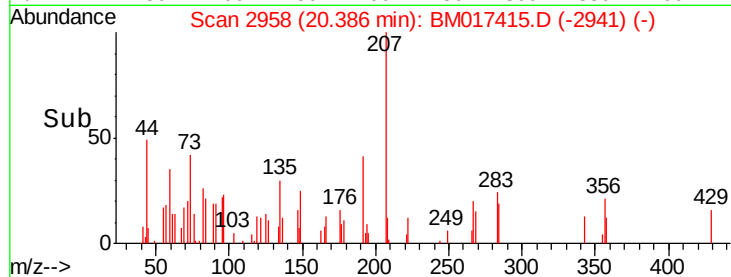
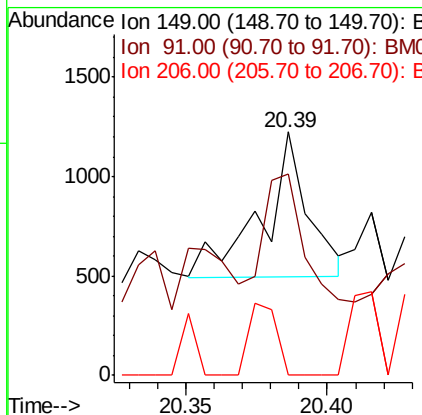
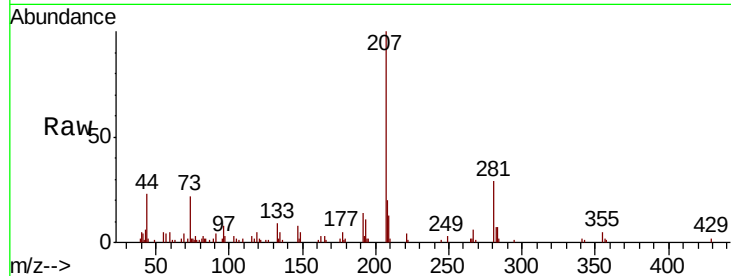




#80
 Butylbenzylphthalate
 Concen: 7.194 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. 0.00 min
 Lab File: BM017415.D
 Acq: 29 Oct 2018 20:04

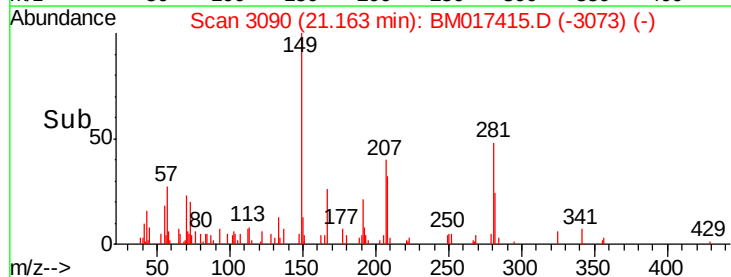
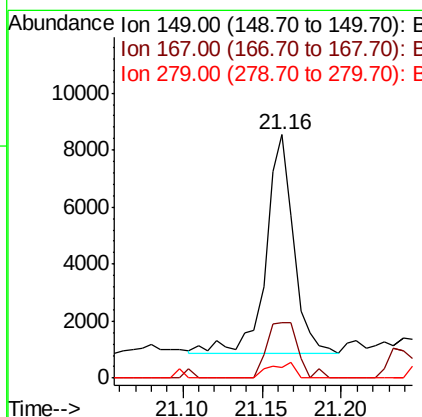
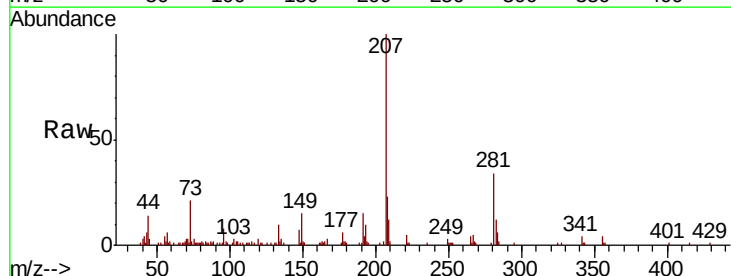
Instrument :
 BNA_M
 ClientSampleID :

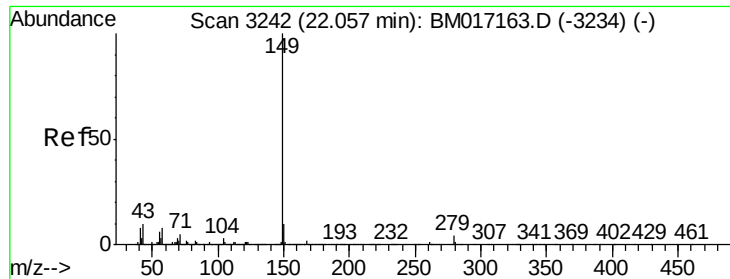
Tot Ion	Ratio	Lower	Upper
149	100		
91	82.5	51.3	76.9#
206	0.0	18.0	27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.449 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM017415.D
 Acq: 29 Oct 2018 20:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	22.8	22.2	33.4
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 5.594 ng

RT: 22.03 min Scan# 3238

Delta R.T. -0.01 min

Lab File: BM017415.D

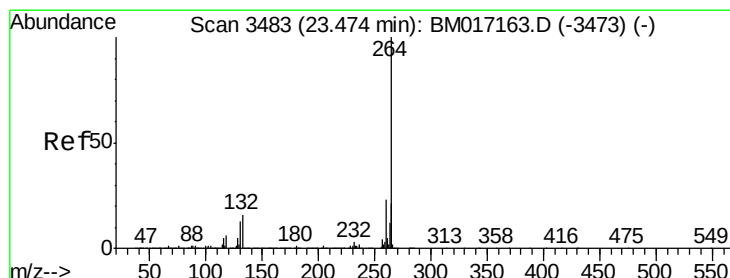
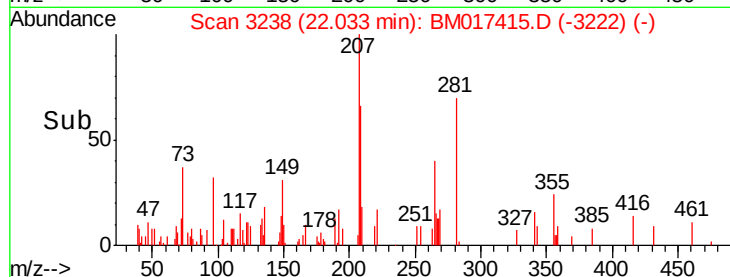
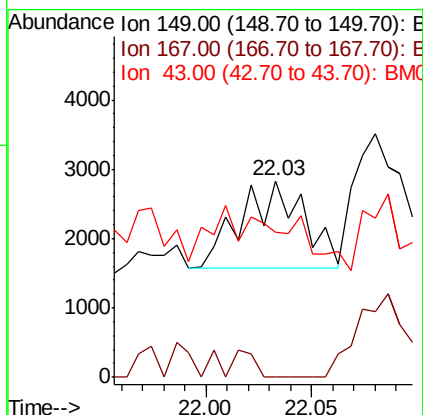
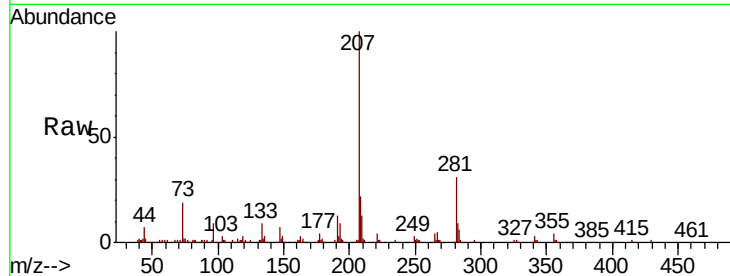
Acq: 29 Oct 2018 20:04

Instrument :

BNA_M

ClientSampled :

Tot Ion:	149	Resp:	2582
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.4	2.0#
43	0.0	7.2	10.8#



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.44 min Scan# 3478

Delta R.T. -0.01 min

Lab File: BM017415.D

Acq: 29 Oct 2018 20:04

Tgt Ion:	264	Resp:	1623785
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.6	27.8
265	22.2	17.8	26.8

